

# Converting Colors

Hex(0082B0)

Have a look what the booklet for  
Hex(0082B0) contains.

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# Color

Hex(0082B0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0082B0
RGB	0, 130, 176
RGB Percent	0%, 51%, 69%
CMY	1.0000, 0.4902, 0.3098
CMYK	1.00, 0.26, 0.00, 0.31
HSL	196°, 100%, 35%
HSV	196°, 100%, 69%
XYZ	15.8191, 19.0999, 43.9272
YIQ	96.3740, -92.2460, -13.2540

# Conversions

## Conversions Part 2

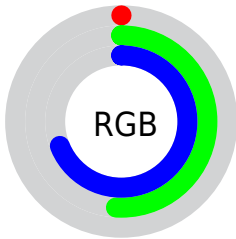
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 176
Decimal	33456
CIELab	50.80, -12.91, -32.60
CIELCh	51, 35.068, 248.390
Yxy	19.0999, 0.2006, 0.2422
Android (android.graphics.Color)	4278223536 (0xFF0082B0)
YUV	96.3740, 39.2556, -84.5200
Hunter-Lab	43.7034, -11.8701, -29.0013

# Details

The Hex color **0082B0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B02E00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5CB7E8**, and **00517B** is the 20% darker color. If you saturate the color by 10%, you get **0082B0**, and if you desaturate by 10%, it is **1287B0**.

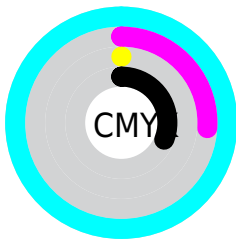
# Distribution



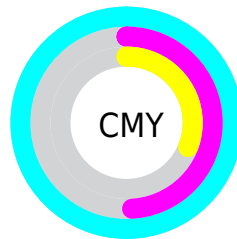
- Red (0%)
- Green (51%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0082B0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0082B0 by changing the saturation by 10% instead.



 0082B0

 0082B0

FFFFFF

 006995

 5CB7E8

 00517B

 7BD3FF

 003A62

 99EFFF

 00244A

 B6FFFF

 000A33

 D4FFFF

 00021D

 F3FFFF

 000000

 0082B0

 1287B0

 238BB0

 3590B0

 4694B0

 5899B0

 6A9EB0

 7BA2B0

 8DA7B0

 9EABB0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00879D



0082B0



5879B4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0082B0



B26172



638249

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0082B0



B02E00

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



837A3C



0082B0



AE6655

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0082B0



A56490



9D7041



3B8762

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0082B0



7972AE



9D7041



6F8043



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0082B0



A1D4E6



00B02C



496873



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0082B0



00AAE6



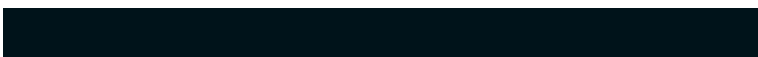
002CB0



505759



007199



00131A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B00082



E600AA



B08400



595057



990071



1A0013



# Previews

## White Background



This preview shows how the Hex color 0082B0 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0082B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

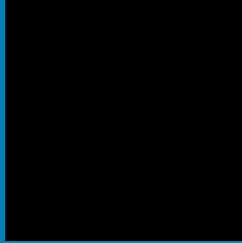
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0082B0 Background



This preview shows how black text looks on a background with the Hex color 0082B0.

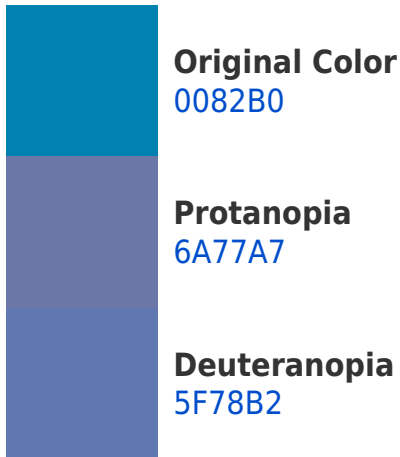


This preview shows how white text looks on a background with the Hex color 0082B0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
008690

# Trichromacy



**Original Color**  
0082B0



**Protanomaly**  
437BAA



**Deuteranomaly**  
3C7CB1



**Tritanomaly**  
00859C

# Monochromacy



**Original Color**  
0082B0



**Achromatopsia**  
606060



**Achromatomaly**  
3D6C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0082B0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0082B0 looks like.

```
.text, #text, p{  
    color:#0082B0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0082B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082B0
}
```

## Border

The CSS property to change the border of an element to Hex 0082B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0082B0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0082B0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0082B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082B0; -webkit-box-shadow:4px 4px  
4px 4px #0082B0; box-shadow:4px 4px 4px  
4px #0082B0 }
```

# Background

The CSS property to change the background color of an element to Hex 0082B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082B0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0082B0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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